

**YAG LASER SET UP AND CALIBRATION  
PROCEDURE/ PROTOCOL  
IN BLDG. 510 2-91**

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procedure name

**PHENIX Procedure No. PP-2.5.2.9-08**

**Revision: A**

**Date: 5-28-02**

**Hand Processed Changes**

<b><u>HPC No.</u></b>	<b><u>Date</u></b>	<b><u>Page Nos.</u></b>	<b><u>Initials</u></b>
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**Approvals**

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PHENIX S.E. & I      Date

*William King* 5/29/02  
PHENIX Safety      Date

*Chang Woody* 5/29/02  
Cognizant Scientist/Engineer      Date  
/Activity Manager

*William King* 5/30/02  
PHYSICS Safety      Date

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## REVISION CONTROL SHEET

LETTER	DESCRIPTION	DATE	WRITTEN BY	APPROVED BY	TYPED BY
A	First Issue	5/28/2002	n/a	C. Woody, W. Lenz, (1 unintelligible)	n/a
RETIRED	Set Up and Calibration completed	3/9/2007	n/a	D. Lynch, R. Pisani, P. Giannotti for PHENIX	n/a

### 1. Purpose

To perform the safe setup and calibration of a Continuum Leopard D10 YAG laser in 510 room 2-91.

### 2. Responsibilities

Only authorized and properly trained individuals may enter the room while this procedure is in effect and the laser is operational.

### 3. Prerequisites

All individuals who are permitted in the room while the laser is operational must read and sign this document stating they will comply with all Phenix, Physics and BNL regulations.

### 4. Precautions

This room is not interlocked so this procedure/ protocol is to be followed for the duration of the setup/ calibration. The operator/s must be aware of unauthorized persons entering the room while the laser is active.

### 5. Procedure

- a) Inner and outer door of room shall be posted "Laser in operation, Do Not enter" whenever the laser is operational.
- b) During the operation of the laser in room 2-91, the operator/s of the laser must bring the Laser to a safe condition before anyone can enter the room.
- c) Hazardous waste generated during the setup or operation of the laser must be disposed of by a properly trained individual and in accordance with BNL ES&H procedures.

### 6. Documentation

This procedure.

### 7. References

SBMS Laser safety subject area.

### 8. Attachments

Read and acknowledge sheet.

Attachment;

I have read and understood and will follow this procedure- PP-2.5.2.9-08.

Name, \_\_\_\_\_ Life# \_\_\_\_\_

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